

In the Specification

Before "Background of the Invention" please insert:

CROSS REFERENCE

This application is a continuation of patent application serial number 09/774,334 filed January 30, 2001.

The paragraph beginning on page 10, line 27 has been amended as follows:

Typically, each transducer 115 of multi-transducer catheter 110 is individually coupled to the power source. As illustrated in the embodiment of Figure 5, each of the multiple transducers 115 has an electrical lead 501 connected to the outer surface 510 of the transducer and an electrical lead 502 connected to the inner surface 520 of the transducer. Electrical leads ~~501, 502~~ 501, 502 can be narrow (44-48 gauge) coaxial cable or twisted pair balanced feed line. The coaxial cable contains an inner wire for carrying the electrical signal, and a ground wire surrounding the inner wire to shield the inner wire from electrical noise. Coaxial cables or twisted pair balanced feed lines are typically used for electrical leads 501, 502 instead of bare wire to minimize impedance loss over the length of the wire due to standing wave reflections. Electrical leads 501, 502 run through an inner lumen 511 of catheter 110 to the power source, and are flexible, so as not to hinder plasticity of catheter 110. Inner lumens 511 will also contain components (~~not~~ shown) for steering and guiding catheter 110 through the body.

The paragraph beginning on page 11, line 6 has been amended as follows:

Electrical leads 501, 502 deliver energy to the transducers 115 from a power source 530. Controller 531 controls power source 530. The controller 531 (typically containing a microprocessor) can be programmed to selectively turn on and individually ~~controlled~~control each transducer 115. Transducers 115 can be activated simultaneously or sequentially, and power can be controlled to each using the amplitude of the voltage, duty cycle, or frequency as described above.